

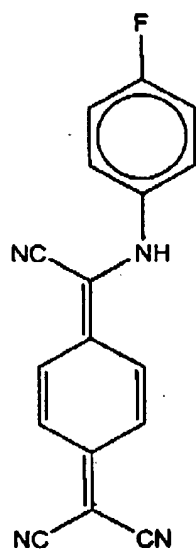
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**AMENDMENTS TO THE CLAIMS**

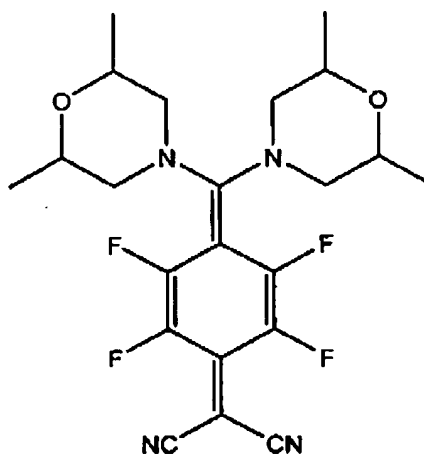
Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

**In the Claims:**

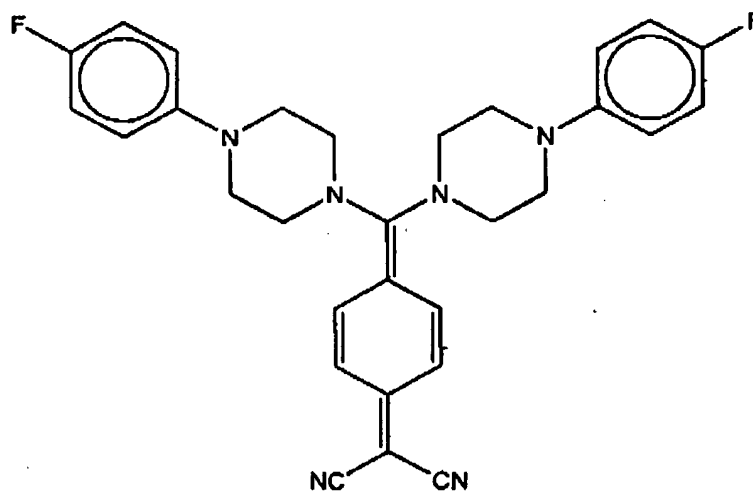
1. (Previously presented) A liquid crystal material, comprising at least one negative-type mesogen comprising at least one soluble, dipolar dopant.
2. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
3. (Cancelled)
4. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is present in an amount of between about 0.01 to about 10wt% of the mixture.
5. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is present in an amount of between about 0.05 to about 5wt% of the mixture.
6. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is present in an amount of about 0.1 to about 1.5wt% of the mixture.
7. (Currently amended) A liquid crystal material according to claim 1, wherein the dopant is selected from the group consisting of FMer2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPPHP

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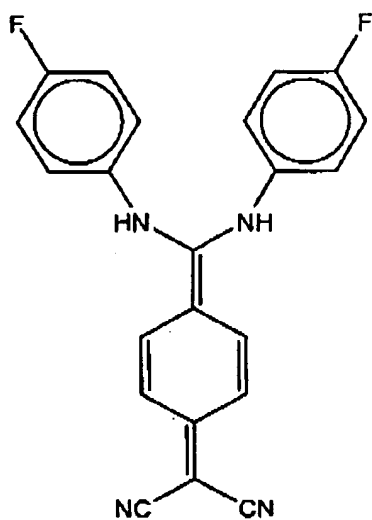
J6



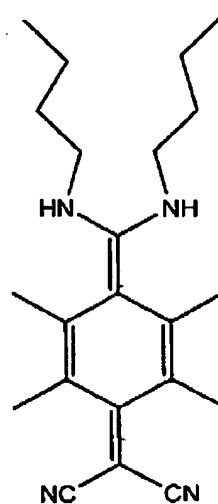
PMor2



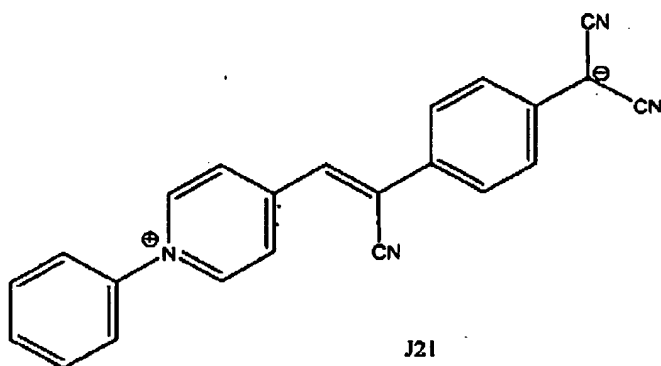
13FPHPIP

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J6A

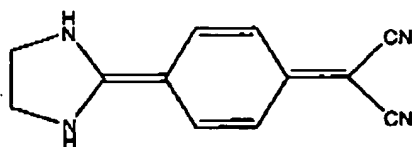


J10B



J21

and

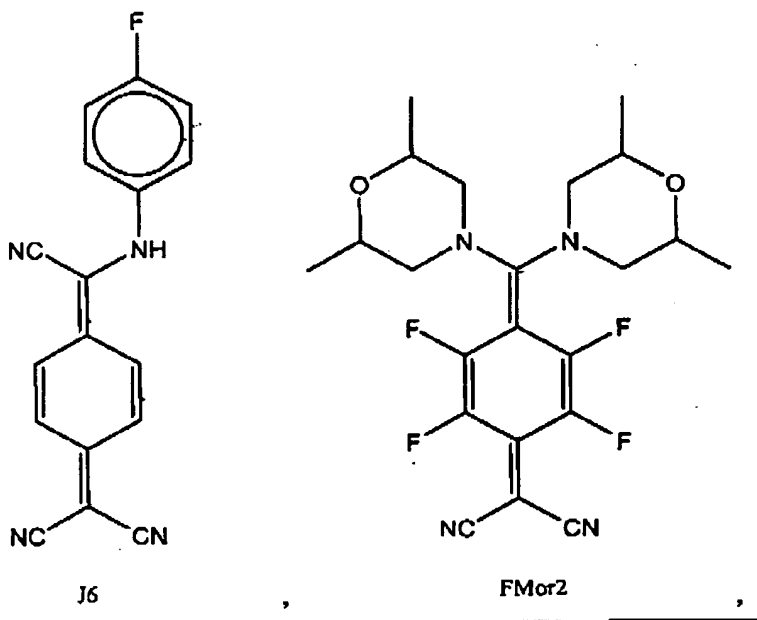


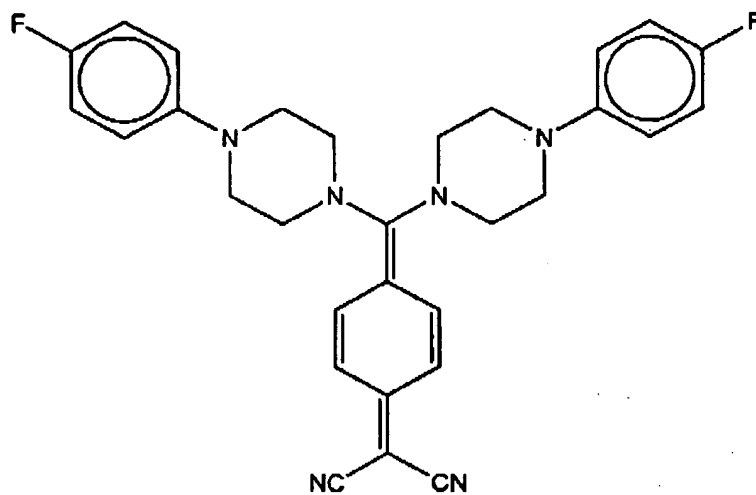
5DCNQ1

8. (Previously presented) A liquid crystal cell or a negative-type liquid crystal display, comprising a liquid crystal material according to claim 1.

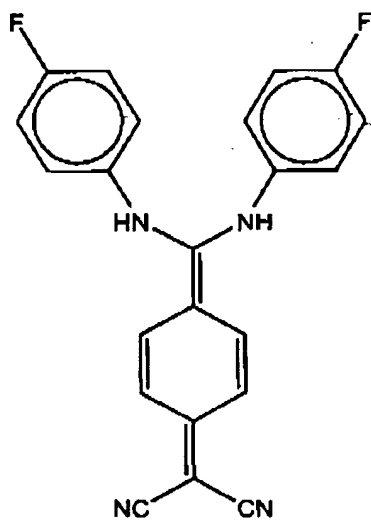
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9. (Previously presented) A method of producing a liquid crystal material, comprising mixing at least one negative-type mesogen with a soluble, dipolar dopant.
10. (Previously presented) A method according to claim 9, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
11. (Cancelled)
12. (Previously presented) A method according to claim 9, wherein the dopant is admixed in an amount of between about 0.01 to about 10wt% of the final mixture.
13. (Previously presented) A method according to claim 9, wherein the dopant is admixed in an amount of between about 0.05 to about 5wt% of the final mixture.
14. (Previously presented) A method according to claim 9, wherein the dopant is admixed in an amount of about 0.1 to about 1.5wt% of the final mixture.
15. (Currently amended) A method according to claim 9, wherein the dopant is selected from the group consisting of ~~FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPIP~~

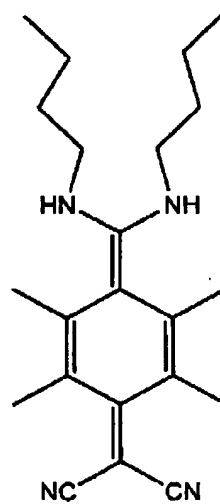


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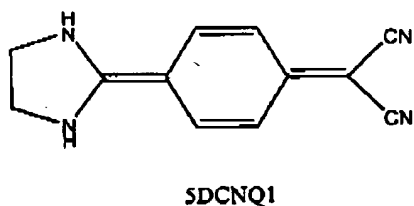
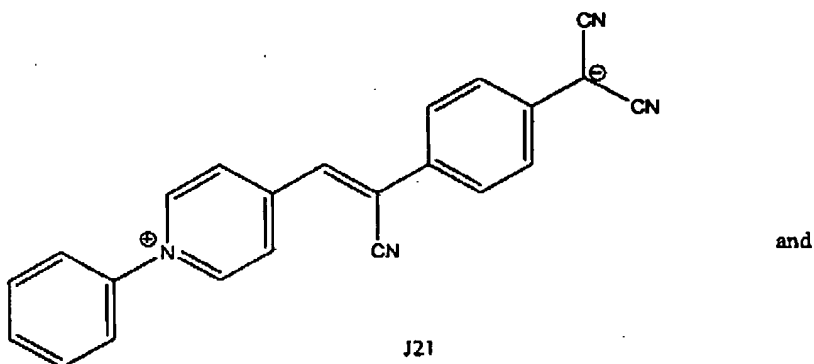


J6A



J10B

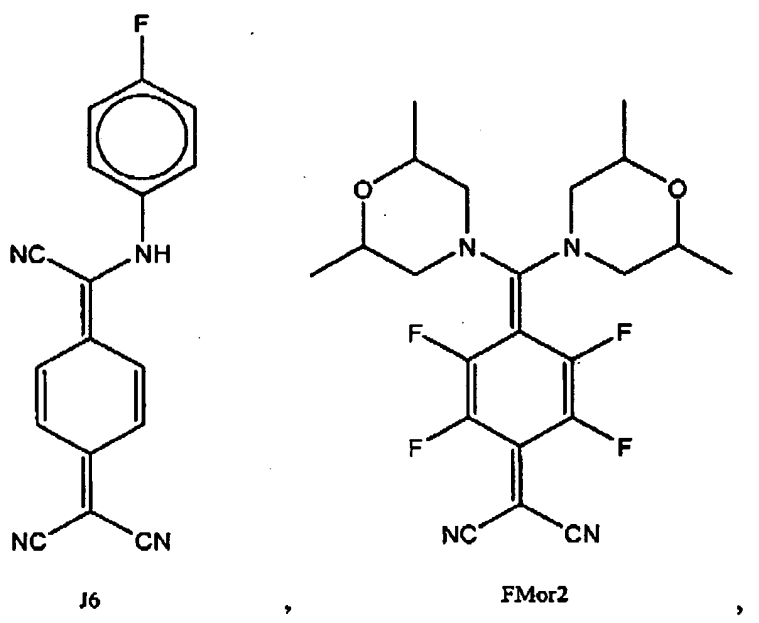
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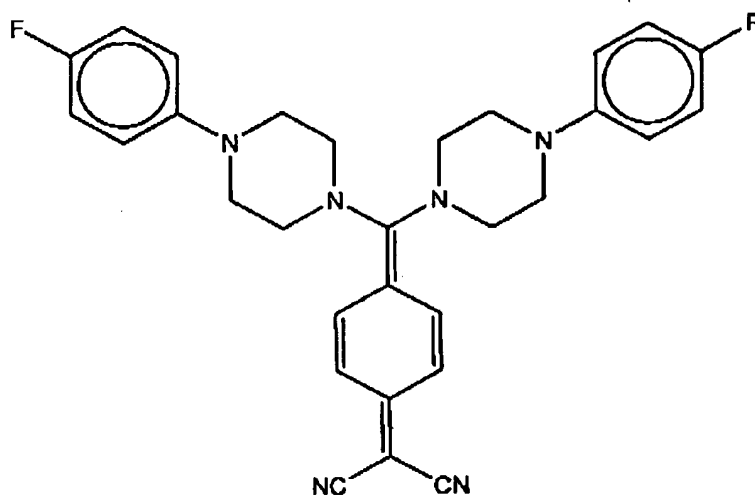
16. (Previously presented) A method of producing liquid crystal cells or negative-type crystal displays according to claim 8 comprising the steps of a) mixing at least one negative-type mesogen and about 0.01 to about 10 wt% of at least one soluble, dipolar dopant, b) centrifuging the mixture, c) filling cells with the mixture and, d) annealing the filled cells.
17. (Previously presented) A method of improving the response times, homogenous on-state alignments and contrast of a negative-type liquid crystal material without degrading the off-state, comprising adding at least one soluble, dipolar dopant to said liquid crystal material.
18. (Previously presented) A method according to claim 17, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
19. (Previously presented) A method according to claim 17, wherein the dopant is added in an amount of between about 0.01 to about 10wt% of the negative-type liquid crystal material.

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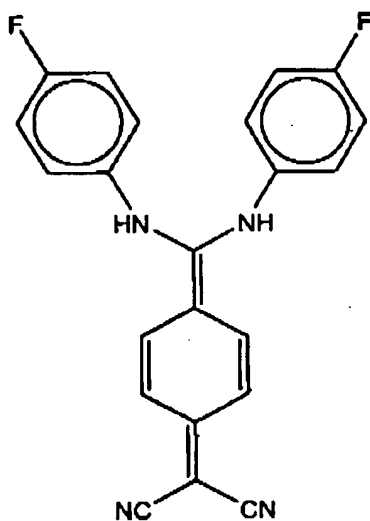
20. (Previously presented) A method according to claim 17, wherein the dopant is admixed in an amount of between about 0.05 to about 5wt% of the negative-type liquid crystal material.
21. (Previously presented) A method according to claim 17, wherein the dopant is admixed in an amount of about 0.1 to about 1.5wt% of the negative-type liquid crystal material.
22. (Currently amended) A method according to claim 17, wherein the dopant is selected from the group consisting of FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPP



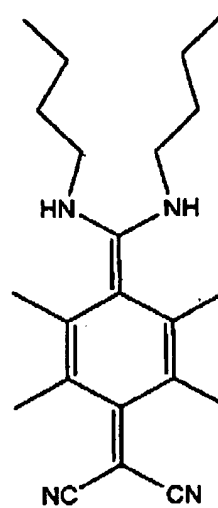
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13FPHPIP



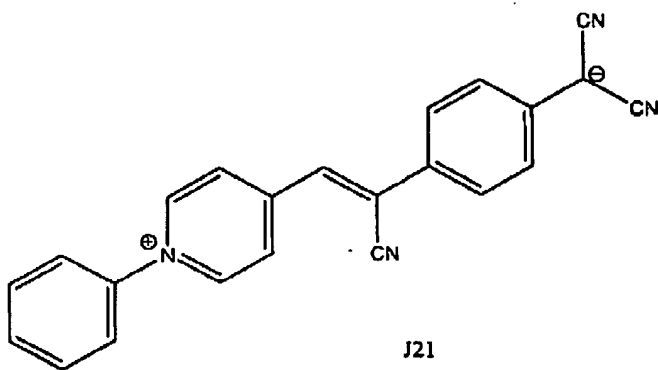
J6A



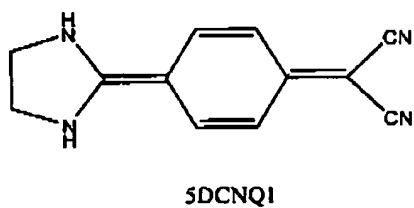
J10B



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and



23. (Cancelled)